

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application.

- 1-21 (Canceled).
22. (Previously presented) A method of operating a communication system, the method comprising:
- sending via a communication link a message requesting routing of a call;
 - receiving via the communication link a message comprising call routing information;
 - selecting a call route based upon the call routing information; and
 - transmitting via the communication link a message requesting setup of the call using the selected call route.
23. (Previously presented) The method of claim 22 wherein the call is a voice call.
24. (Previously presented) The method of claim 22 wherein the selecting further comprises:
- providing a user with call routing options using the call routing information; and
 - receiving from the user an indication of a selected call route.
25. (Previously presented) The method of claim 22 wherein the communication link is a wireless link.
26. (Previously presented) The method of claim 25 wherein the wireless link communicates using a frequency of approximately 2.4 gigahertz.
27. (Previously presented) The method of claim 25 wherein the wireless link communicates using a frequency hopping spread spectrum technique.
28. (Previously presented) The method of claim 22 wherein the communication link uses a packet protocol.

29. (Previously presented) The method of claim 28 wherein the packet protocol is an Internet protocol.
30. (Previously presented) The method of claim 22 wherein the message requesting routing of a call comprises at least a destination identifier.
31. (Previously presented) The method of claim 30 wherein the destination identifier comprises a telephone number.
32. (Previously presented) The method of claim 22 wherein the call routing information comprises a cost of use of a communication link.
33. (Previously presented) The method of claim 22 wherein the message requesting setup of the call comprises at least a destination identifier.
34. (Previously presented) The method of claim 33 wherein the destination identifier comprises a telephone number.
35. (Previously presented) The method of claim 22 further comprising:
receiving via the communication link a message indicating call status.
36. (Previously presented) The method of claim 35 wherein the call status represents one of a destination busy condition, a destination ringing condition, and a connection established condition.
37. (Previously presented) The method of claim 22 further comprising:
exchanging information via the communication link, if call status indicating establishment of a connection is received; and
refraining from exchanging information via the communication link, if call status indicating establishment of a connection is not received.
38. (Currently amended) A method for operating a communication system, the method comprising:

receiving via a first communication link a ~~first~~ message requesting routing of a call;

selecting a second communication link based upon at least the ~~first~~ message requesting routing of a call;

accepting via the first communication link a message requesting setup of a call; and

establishing call communication between the first communication link and the second communication link based upon the message requesting setup of a call.

39. (Previously presented) The method of claim 38 wherein the call is a voice call.

40. (Previously presented) The method of claim 38 further comprising:

receiving via the second communication link a message comprising call routing information; and

transmitting via the first communication link a message based upon the call routing information.

41. (Previously presented) The method of claim 38 wherein the first communication link is a wireless link.

42. (Previously presented) The method of claim 41 wherein the wireless link communicates using a frequency of approximately 2.4 gigahertz.

43. (Previously presented) The method of claim 41 wherein the wireless link communicates using a frequency hopping spread spectrum technique.

44. (Previously presented) The method of claim 38 wherein the first communication link uses a packet protocol.

45. (Previously presented) The method of claim 44 wherein the packet protocol is an Internet protocol.

46. (Previously presented) The method of claim 38 wherein the second communication link is a wired communication link.

47. (Previously presented) The method of claim 46 wherein the wired communication link comprises a link to a conventional telephone switching network.

48. (Previously presented) The method of claim 46 wherein the wired communication link is an analog communication link.

49. (Currently amended) The method of claim 38 wherein the ~~first~~ message requesting routing of a call comprises at least a destination identifier.

50. (Previously presented) The method of claim 49 wherein the destination identifier comprises a telephone number.

51. (Currently amended) The method of claim ~~38~~40 wherein the call routing information comprises at least a cost of use of a communication link.

52. (Currently amended) The method of claim 38 wherein the ~~first~~ message requesting setup of the call comprises at least a destination identifier.

53. (Previously presented) The method of claim 52 wherein the destination identifier comprises a telephone number.

54. (Previously presented) The method of claim 38 further comprising:
receiving via the second communication link a message indicating call status.

55. (Previously presented) The method of claim 54 wherein the call status is one of busy, ringing, and connect.

56. (Previously presented) The method of claim 38 wherein the establishing comprises converting analog representations of voice signals to digital representations of voice signals, and converting digital representations of voice signals to analog representations of voice signals.

57. (Previously presented) The method of claim 56 wherein the converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time in order to minimize gaps in the resulting analog representation caused by changes in a propagation delay.

58. (Previously presented) A method of operating a communication system, the method comprising:

under the control of a first device,

sending via a wireless packet communication link a message requesting setup of a call;

receiving via the wireless packet communication link a message indicating call status;

exchanging digitized voice information via the wireless packet communication link, if call status indicating establishment of a connection is received; and

refraining from exchanging digitized voice information via the wireless packet communication link, if call status indicating establishment of a connection is not received, and

under the control of a second device,

receiving via the wireless packet communication link a message requesting setup of the call;

sending via a wired communication link signals requesting setup of the call;

receiving via the wired communication link signals representing call status;

sending via the wireless packet communication link a message indicating call status;

establishing call communication between the wireless packet communication link and the wired communication link, if call status indicating establishment of a connection is received; and

refraining from establishing call communication between the wireless packet communication link and the wired communication link, if call status indicating establishment of a connection is not received.

59. (Previously presented) The method of claim 58 wherein the call communication comprises converting analog representations of voice signals to digital representations of voice signals, and converting digital representations of voice signals to analog representations of voice signals.

60. (Previously presented) The method of claim 59 wherein the converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time in order to minimize gaps in the resulting analog representation caused by changes in a propagation delay.

61. (Previously presented) The method of claim 58 wherein the wireless communication link operates at a frequency of approximately 2.4 gigahertz.

62. (Previously presented) The method of claim 58 wherein the wired communication link comprises a link to a conventional telephone switching network.

63. (Previously presented) The method of claim 58 wherein the wireless packet communication link uses an Internet protocol (IP).

64. (Currently amended) The method of claim 63 wherein the Internet protocol is the ~~transport~~transmission control protocol (TCP)/Internet protocol (IP).

65. (New) At least one circuit for use in a communication device, the at least one circuit operational to, at least:

- send via a communication link a message requesting routing of a call;
- receive via the communication link a message comprising call routing information;
- select a call route based upon the call routing information; and

transmit via the communication link a message requesting setup of the call using the selected call route.

66. (New) The at least one circuit of claim 65, where the call is a voice call.
67. (New) The at least one circuit of claim 65, wherein to select a call route based upon the call routing information, the at least one circuit is operational to, at least:
 - provide a user with call routing options using the call routing information; and
 - receive from the user an indication of a selected call route.
68. (New) The at least one circuit of claim 65, where the communication link is a wireless link.
69. (New) The at least one circuit of claim 68, where the wireless link communicates using a frequency of approximately 2.4 gigahertz.
70. (New) The at least one circuit of claim 68, where the wireless link communicates using a frequency hopping spread spectrum technique.
71. (New) The at least one circuit of claim 65, where the communication link uses a packet protocol.
72. (New) The at least one circuit of claim 71, where the packet protocol is an Internet protocol.
73. (New) The at least one circuit of claim 65, where the message requesting routing of a call comprises at least a destination identifier.
74. (New) The at least one circuit of claim 73, where the destination identifier comprises a telephone number.
75. (New) The at least one circuit of claim 65, where the call routing information comprises a cost of use of a communication link.

76. (New) The at least one circuit of claim 65, where the message requesting setup of a call comprises at least a destination identifier.

77. (New) The at least one circuit of claim 76, where the destination identifier comprises a telephone number.

78. (New) The at least one circuit of claim 65, wherein the at least one circuit is further operational to, at least, receive via the communication link a message indicating call status.

79. (New) The at least one circuit of claim 78, where the call status represents one of a destination busy condition, a destination ringing condition, and a connection established condition.

80. (New) The at least one circuit of claim 65, wherein the at least one circuit is further operational to, at least:

exchange information via the communication link, if call status indicating establishment of a connection is received; and

refrain from exchanging information via the communication link, if call status indicating establishment of a connection is not received.

81. (New) The at least one circuit of claim 65, where the communication device is a portable communication device.

82. (New) A method for operating at least one circuit for use in a communication device, the method comprising:

sending to a communication system via a first communication link a first message requesting routing of a call, where the first message comprises information to cause the communication system to select a second communication link; and

sending to the communication system via the first communication link a second message requesting setup of a call, where the second message comprises information to cause the communication system to establish call communication between the first communication link and the second communication link.

83. (New) The method of claim 82, where the call is a voice call.
84. (New) The method of claim 82, further comprising receiving from the communication system via the first communication link a message based upon call routing information received by the communication system over the second communication link.
85. (New) The method of claim 82, where the first communication link is a wireless link.
86. (New) The method of claim 85, where the wireless link communicates using a frequency of approximately 2.4 gigahertz.
87. (New) The method of claim 85, where the wireless link communicates using a frequency hopping spread spectrum technique.
88. (New) The method of claim 82, where the first communication link uses a packet protocol.
89. (New) The method of claim 88, where the packet protocol is an Internet protocol.
90. (New) The method of claim 82, where the second communication link is a wired communication link.
91. (New) The method of claim 90, where the wired communication link comprises a link to a conventional telephone switching network.
92. (New) The method of claim 90, where the wired communication link is an analog communication link.
93. (New) The method of claim 82, where the first message requesting routing of a call comprises at least a destination identifier.
94. (New) The method of claim 93, where the destination identifier comprises a telephone number.

95. (New) The method of claim 84, where the call routing information comprises at least a cost of use of a communication link.

96. (New) The method of claim 82, where the second message requesting setup of a call comprises at least a destination identifier.

97. (New) The method of claim 96, where the destination identifier comprises a telephone number.

98. (New) The method of claim 82, further comprising receiving a message from the communication system via the first communication link, where the message is indicative of a call status message received by the communication system via the second communication link.

99. (New) The method of claim 98, where the call status is one of busy, ringing, and connect.

100. (New) The method of claim 82, where the second message comprises information to cause the communication system to establish call communication between the first communication link and the second communication link by, at least in part, converting analog representations of voice signals to digital representations of voice signals and converting digital representations of voice signals to analog representations of voice signals.

101. (New) The method of claim 100, where converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time to minimize gaps in the resulting analog representation caused by changes in propagation delay.

102. (New) At least one circuit for use in a communication device, the at least one circuit operational to, at least:

send to a communication system via a first communication link a first message requesting routing of a call, where the first message comprises information to cause the communication system to select a second communication link; and

send to the communication system via the first communication link a second message requesting setup of a call, where the second message comprises information to cause the communication system to establish call communication between the first communication link and the second communication link.

103. (New) The at least one circuit of claim 102, where the call is a voice call.
104. (New) The at least one circuit of claim 102, wherein the at least one circuit is further operational to, at least, receive from the communication system via the first communication link a message based upon call routing information received by the communication system over the second communication link.
105. (New) The at least one circuit of claim 102, where the first communication link is a wireless link.
106. (New) The at least one circuit of claim 105, where the wireless link communicates using a frequency of approximately 2.4 gigahertz.
107. (New) The at least one circuit of claim 105, where the wireless link communicates using a frequency hopping spread spectrum technique.
108. (New) The at least one circuit of claim 102, where the first communication link uses a packet protocol.
109. (New) The at least one circuit of claim 108, where the packet protocol is an Internet protocol.
110. (New) The at least one circuit of claim 102, where the second communication link is a wired communication link.
111. (New) The at least one circuit of claim 110, where the wired communication link comprises a link to a conventional telephone switching network.

112. (New) The at least one circuit of claim 110, where the wired communication link is an analog communication link.

113. (New) The at least one circuit of claim 102, where the first message requesting routing of a call comprises at least a destination identifier.

114. (New) The at least one circuit of claim 113, where the destination identifier comprises a telephone number.

115. (New) The at least one circuit of claim 104, where the call routing information comprises at least a cost of use of a communication link.

116. (New) The at least one circuit of claim 102, where the second message requesting setup of the call comprises at least a destination identifier.

117. (New) The at least one circuit of claim 116, where the destination identifier comprises a telephone number.

118. (New) The at least one circuit of claim 102, wherein the at least one circuit is further operational to, at least, receive a message from the communication system via the first communication link, where the message is indicative of a call status message received by the communication system via the second communication link.

119. (New) The at least one circuit of claim 118, where the call status is one of busy, ringing, and connect.

120. (New) The at least one circuit of claim 102, where the second message comprises information to cause the communication system to establish call communication between the first communication link and the second communication link by, at least in part converting analog representations of voice signals to digital representations of voice signals and converting digital representations of voice signals to analog representations of voice signals.

121. (New) The at least one circuit of claim 120, where converting digital representations of voice signals to analog representations of voice signals comprises buffering the digital representations for a period of time to minimize gaps in the resulting analog representation caused by changes in propagation delay.